NETGEAR

NETGEAR GS524UP Unmanaged Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Grey

Brand : NETGEAR

Product name : GS524UP
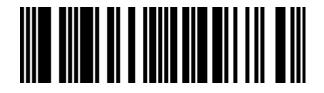
Product code: GS524UP-100NAS

- PLUG-AND-PLAY - Simple set up with no software or configuration needed
- POWER-OVER-ETHERNET: impressive 480W PoE budget with 16 Ultra60 PoE++ ports and 8 PoE+ ports to power wireless AP, 4K/8K IP Cameras, LED lights, IoT devices, and much more
- COMPACT, FLEXIBLE FORM FACTOR – Small case with internal power supply and whisper-quiet fans, perfect for desktop, wall-mount, or rackmount deployment
- EASY-MONITORING - Per port LEDs for port activity and speed
- GIGABIT ETHERNET – 24 auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with up to 48Gb non-blocking switching
- PoE AUTO-BALANCE - unique PoE technology automatically balances the PoE power based on the device needs independent of PoE class detected. The switches deliver the power the device needs, at the most granular level

Gigabit Unmanaged Switch Series (GS524UP) 24-Port Gigabit Ethernet High-Power PoE+ Unmanaged Switch with 16-Ports PoE++ (480W)

Management features

Switch type *	Unmanaged
Quality of Service (QoS) support	✔

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity *	24
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)

Network

Networking standards *	IEEE 802.3, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3bt, IEEE 802.3i, IEEE 802.3p, IEEE 802.3u
10G support *	✘
Full duplex	✔
Half duplex	✔
Auto MDI/MDI-X	✔

Data transmission

Switching capacity *	48 Gbit/s
MAC address table *	8000 entries
Latency (1 Gbps)	12 µs
Packet forwarding rate (1 Gbps)	1448000 pps

Design

Rack mounting *	✔
Form factor	1U
Product colour	Grey
Housing material	Metal
LED indicators	Activity, Link, PoE
Number of fans	2 fan(s)

Performance

Mean time between failures (MTBF)	809853.3 h

Power

Power source *	PoE
Power supply included *	✔
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Input current	8 - 4 A
Power consumption (max)	578.8 W

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✔
Power over Ethernet plus (PoE+) ports quantity	24
Power over Ethernet (PoE) power per port	60 W
Total Power over Ethernet (PoE) budget	480 W

Operational conditions

Operating temperature (T-T)	0 - 50 °C
Storage temperature (T-T)	-20 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Operating altitude	0 - 3000 m
Heat dissipation	1976.0232 BTU/h

Weight & dimensions

Width	390 mm
Depth	220 mm
Height	43 mm
Weight	3.1 kg

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